Page 1 of 14 ATTY, DOCKET NO. APPLICATION NO. 10/821,128 0942.5690001/RWE/J-M JAN 0 4 2005 FORM PTO-1449 FIRST NAMED INVENTOR INFORMATION DISCLOSURE STATEMENT Lee et al. FILING DATE ART UNIT & TRADENS April 9, 2004 1653 **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT INITIAL NUMBER DATE NAME CLASS SUB-CLASS FILING DATE AA1 07/26/1977 4,038,480 Robins et al. 09/17/1973 BLS AB1 4,088,639 05/09/1978 Zappelli et al. 06/12/1975 BLS AC1 07/22/1980 4,213,893 Carrico et al. 10/12/1978 BLS AD1 4,255,566 03/10/1981 Carrico et al. 02/19/1980 BLS AE1 04/17/1984 4,443,594 Bückmann 09/08/1981 BLS AF1 4,460,772 07/17/1984 Benovic et al. 05/11/1983 BLS AG1 4,582,789 04/15/1986 Sheldon, III et al. 12/18/1984 BLS AH1 4,599,303 07/08/1986 Yabusaki et al. 12/12/1983 BLS Al1 4,617,261 10/14/1986 Sheldon, III et al. 10/25/1985 BLS AJ1 4,683,195 07/28/1987 Mullis et al. 02/07/1986 BLS AK1 4,683,202 07/28/1987 Mullis 10/25/1985 BLS **FOREIGN PATENT DOCUMENTS EXAMINER** DOCUMENT INITIAL COUNTRY NUMBER DATE CLASS SUB-CLASS TRANSLATION Yes BLS AL1 WO 92/06188 A2 04/16/1992 **WIPO** No Yes WO 92/06200 A1 BLS AM1 04/16/1992 **WIPO** Νo Yes AN1 EP 0 329 822 B1 BLS 06/08/1994 Europe No Yes AO1 WO 95/35505 A1 12/28/1995 **WIPO** BLS No Yes BLS AP1 WO 96/10640 A1 04/11/1996 **WIPO** No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) BLS Agrawal, S., "Functionalization of Oligonucleotides with Amino Groups and Attachment of Amino Specific Reporter Groups," in: Methods in Molecular Biology, Vol. 26, Protocols for AR 1 Oligonucleotide Conjugates," Agrawal, S., ed., Humana Press, Totowa, NJ, pp. 93-120 (1994)BLS Augustyns, K., et al., "Synthesis of oligonucleotides modified in the sugar moiety," Nucl. Acids Res. Symp. Series 24:224, Oxford University Press (1991) AS 1 BLS Baird, G.S., et al., "Biochemistry, mutagenesis, and oligomerization of DsRed, a red fluorescent protein from coral," Proc. Natl. Acad. Sci. USA 97:11984-11989, National ΑT 1 Academy of Sciences (2000) **EXAMINER** DATE CONSIDERED /Bradley Sisson/ 09/30/2006

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BLS	AA2	4,707		11/17/1987	Stavrianopoulos	CLASS	SUB-CLASS	01/30/1984
BLS	AB2	4,711,955		12/08/1987	Ward et al.			05/23/1983
BLS	AC2	4,737	,454	04/12/1988	Dattagupta et al.			05/18/1984
BLS	AD2	4,743	,535	05/10/1988	Carrico			11/07/1984
BLS	AE2	4,770	,992	09/13/1988	Van den Engh et al.			11/27/1985
BLS	AF2	4,828	,979	05/09/1989	Klevan et al.			11/08/1984
BLS	AG2	4,889	,818	12/26/1989	Gelfand et al.			06/17/1987
BLS	AH2	4,965	,188	10/23/1990	Mullis et al.			06/17/1987
BLS	Al2	5,244	,797	09/14/1993	Kotewicz et al.			03/18/1991
BLS	AJ2	5,374	,553	12/20/1994	Gelfand et al.			08/13/1990
BLS	AK2	5,409	,818	04/25/1995	Davey et al.			06/24/1988
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BLS	AL2	w	WO 98/06736 A1 02/19/1998 WIPO					
BLS	AM2	<u>w</u>	O 98/08981 A1	03/05/1998	WIPO			Yes No
BLS	AN2	_ w	O 98/47912 A1	10/29/1998	WIPO			Yes No
BLS	AO2	w	O 98/51699 A1	11/19/1998	WIPO			Yes No
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BLS	AR	2			ty of <i>Taq</i> polymerase ca 5, Elsevier Science Pub			an N-terminal
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BLS	AT	2			S., "Rapidly maturing var Biotechnol. 20:83-87, N			
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BLS	AB3	5,455,	166	10/03/1995	Walker			01/09/1992
BLS	AC3	5,512,4	462	04/30/1996	Cheng	•		02/25/1994
BLS	AD3	5,668,	005	09/16/1997	Kotewicz et al.			03/12/1996
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BLS	AF3	6,015,	668	01/18/2000	Hughes et al.			09/06/1996
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BLS	АН3	2001/0	041334 A1	11/15/2001	Rashtchian et al.			12/21/2000
BLS	Al3	2002/0	012970 A1	01/31/2002	Smith et al.			03/30/2001
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BLS	AO3		2/04022 A1	01/17/2002	WIPO			Yes No
BLS	AP3		684 315 B1	06/26/2002	WIPO			Yes No
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BLS	AR	3	Campbell, F 99:7877-78	R.E., <i>et al.</i> , "A 82, National <i>I</i>	monomeric red fluoreso Academy of Sciences (J	cent protein," <i>P</i> une 2002)	roc. Natl. Acad	J. Sci. USA
BLS	AS	3	Chiesa, A., the study of	et al., "Recon f cell signalling	nbinant aequorin and gr g," <i>Biochem. J.</i> 355:1-12	reen florescent 2, The Biochem	protein as valu iical Society (2	able tools in 001)
BLS	AT	3	Churchich, Biochim. Bi	J.E., "Fluores ophys. Acta 7	cence studies on solubl '5:274-276, Elsevier Put	le ribonucleic ad blishing Compa	cid labelled wit ny (1963)	h acriflavine,"
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BLS	AR	4	Complexe	s of the Yeast F	racterization of Active Reve Retrotransposon Ty3 <i>in Vitro</i> chemistry and Molecular Bio	o," <i>J. Biol</i> . C	hem. 274:366	icleoprotein 643-36648,	
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BLS	AR	<u>5</u>		-M., <i>et al.</i> , "A Press (1994)		CR fidelity ass	ay," <i>Nuc</i>	I. Acids R	es. 22:3259-3	260, Oxford
BLS	Gebeyehu, G., et al., "Novel biotinylated nucleotide - analogs for labelling and colorimetric detection of DNA," Nucl. Acids Res. 15:4513-4534, IRL Press Ltd. (1987)									
BLS	AT	<u>5</u>	Reverse T	F., et al., "cDl ranscriptase f ies, Inc. (1992	Posses:	thesis by Molo sing Full DNA f	ney Muri Polymera	ine Leuke ase Activit	mia Virus RNa y," Focus 14:9	ase H-Minus 91-93, Life
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BLS	AS	7	Knop, M., et al., "Improved Version of the Red Fluorescent Protein (drFP583/DsRed/RFP)," BioTechniq. 33:592-602, Eaton Publishing Co. (July 2002)						
BLS	AT	7	Kotewicz, M.L., et al., "Isolation of cloned Moloney murine leukemia virus reverse transcriptase lacking ribonuclease H activity," <i>Nucl. Acids Res.</i> 16:265-277, IRL Press Ltd. (1988)						
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BLS	AS	8	Larrick, J.V Immunoted	Larrick, J.W., et al., "Green fluorescent protein: untapped potential in immunotechnology," Immunotechnol. 1:83-86, Elsevier Science B.V. (1995)						
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		Page 14 of 14
	ATTY. DOCKET NO. 0942.5690001/RWE/J-M	APPLICATION NO. 10/821,128
FORM PTO-1449	FIRST NAMED INVENTOR	
	Lee et al.	
INFORMATION DISCLOSURE STATEMENT	FILING DATE	ART UNIT
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